

FIG. 1

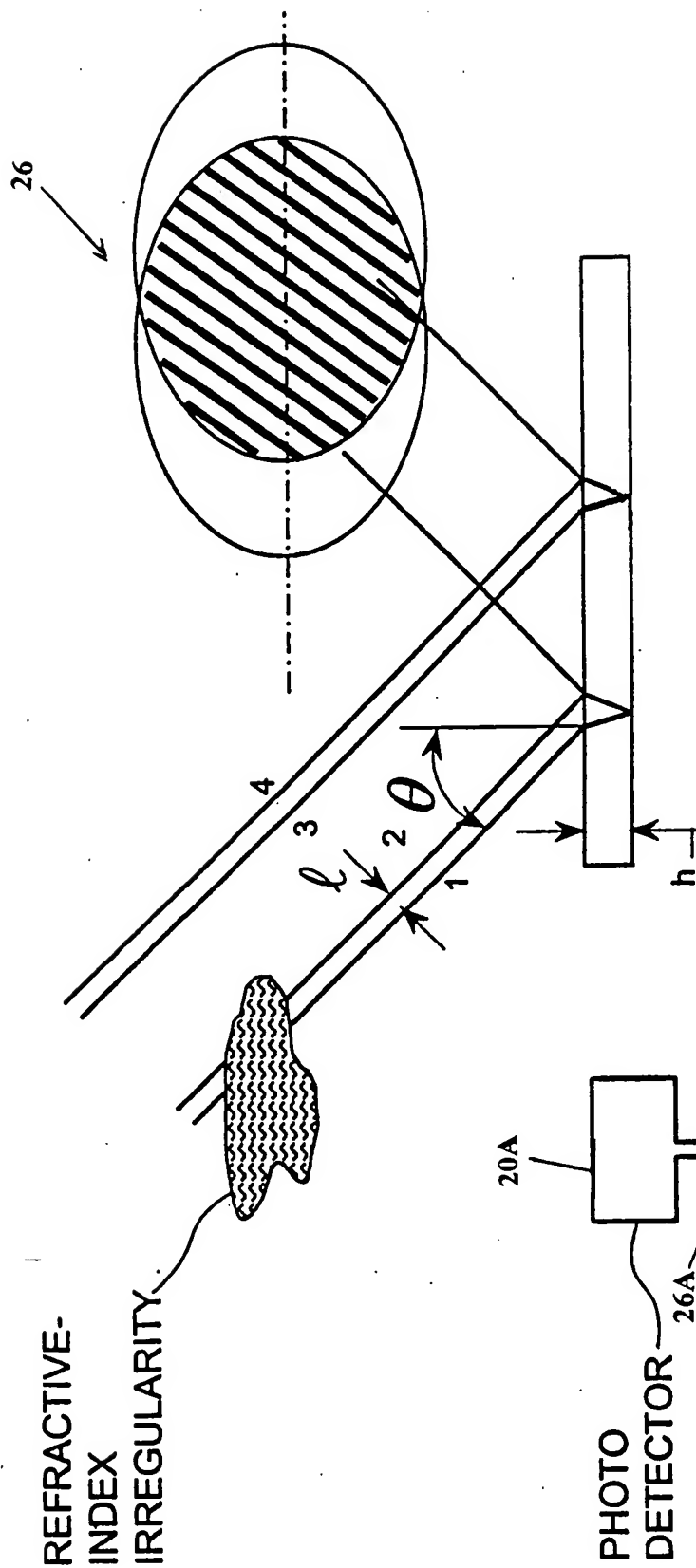


FIG. 1A

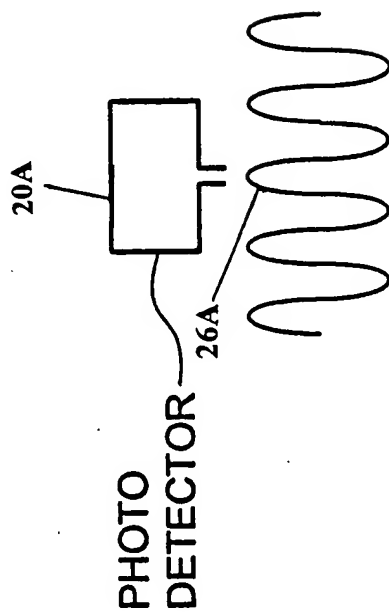
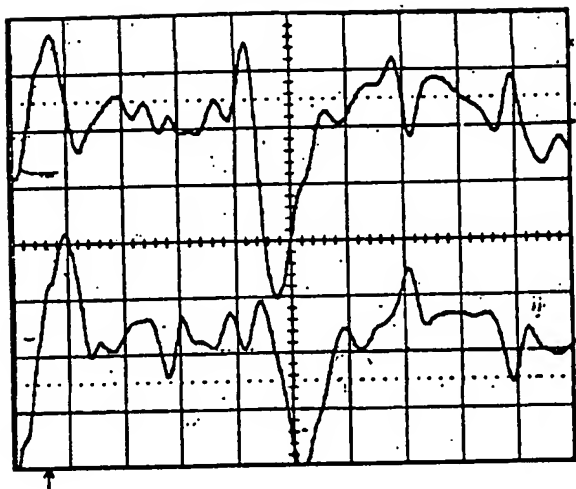


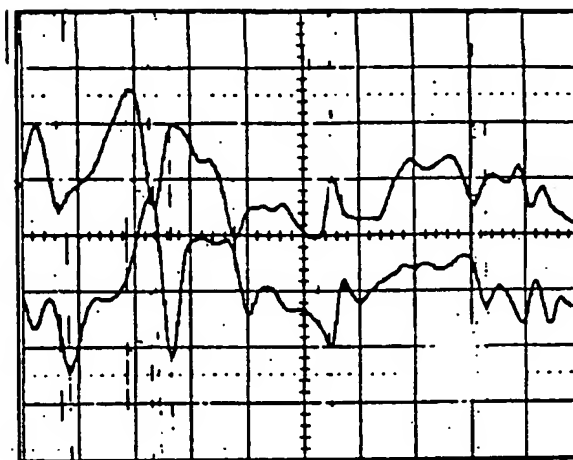
FIG. 1B

FIG. 2A



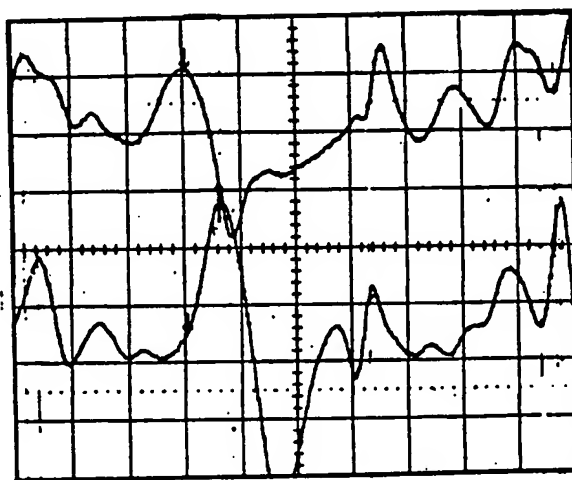
$V=4.5\ell/\text{min.}$

FIG. 2B



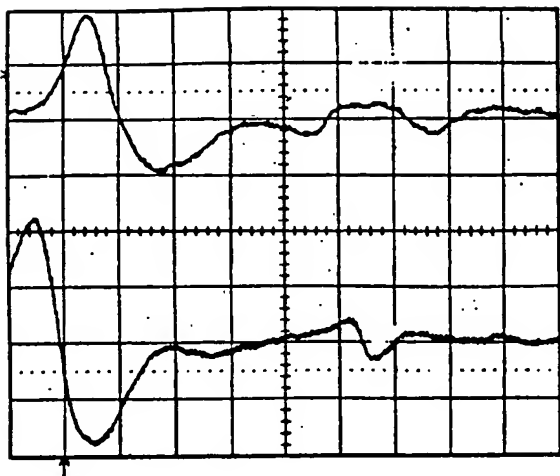
$V=6.8\ell/\text{min.}$

FIG. 2C



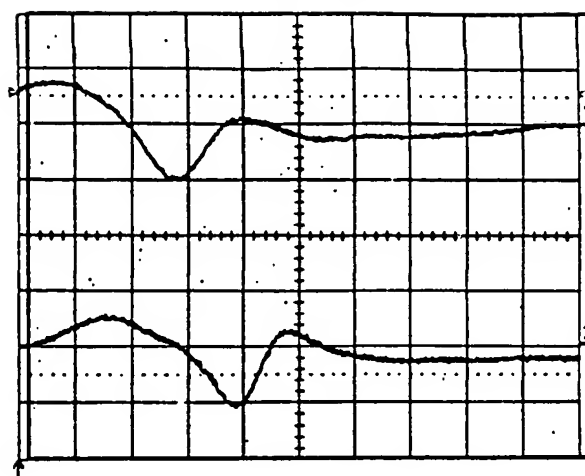
$V=16.8\ell/\text{min.}$

FIG. 3A



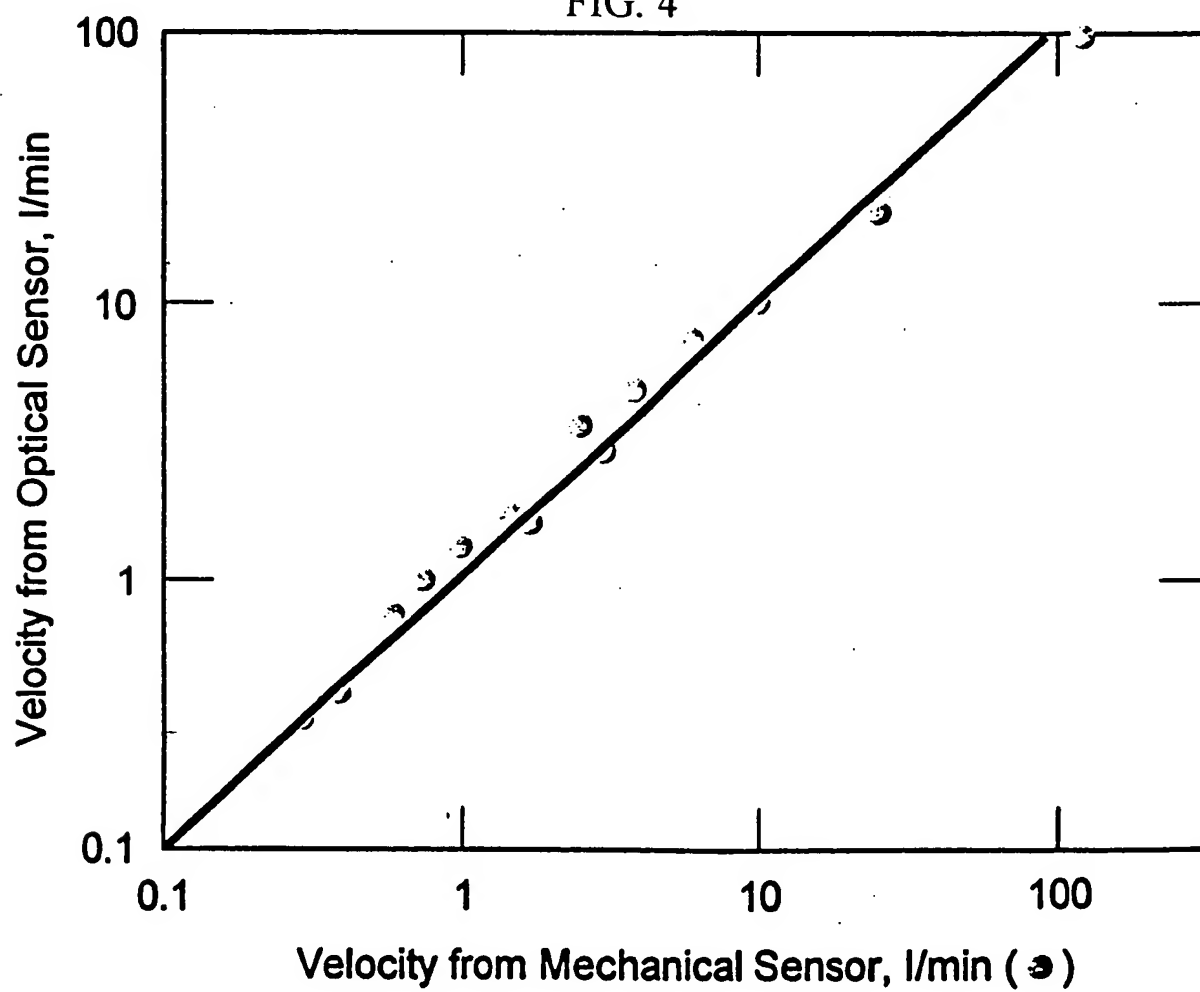
Inhale

FIG. 3B



Exhale

FIG. 4



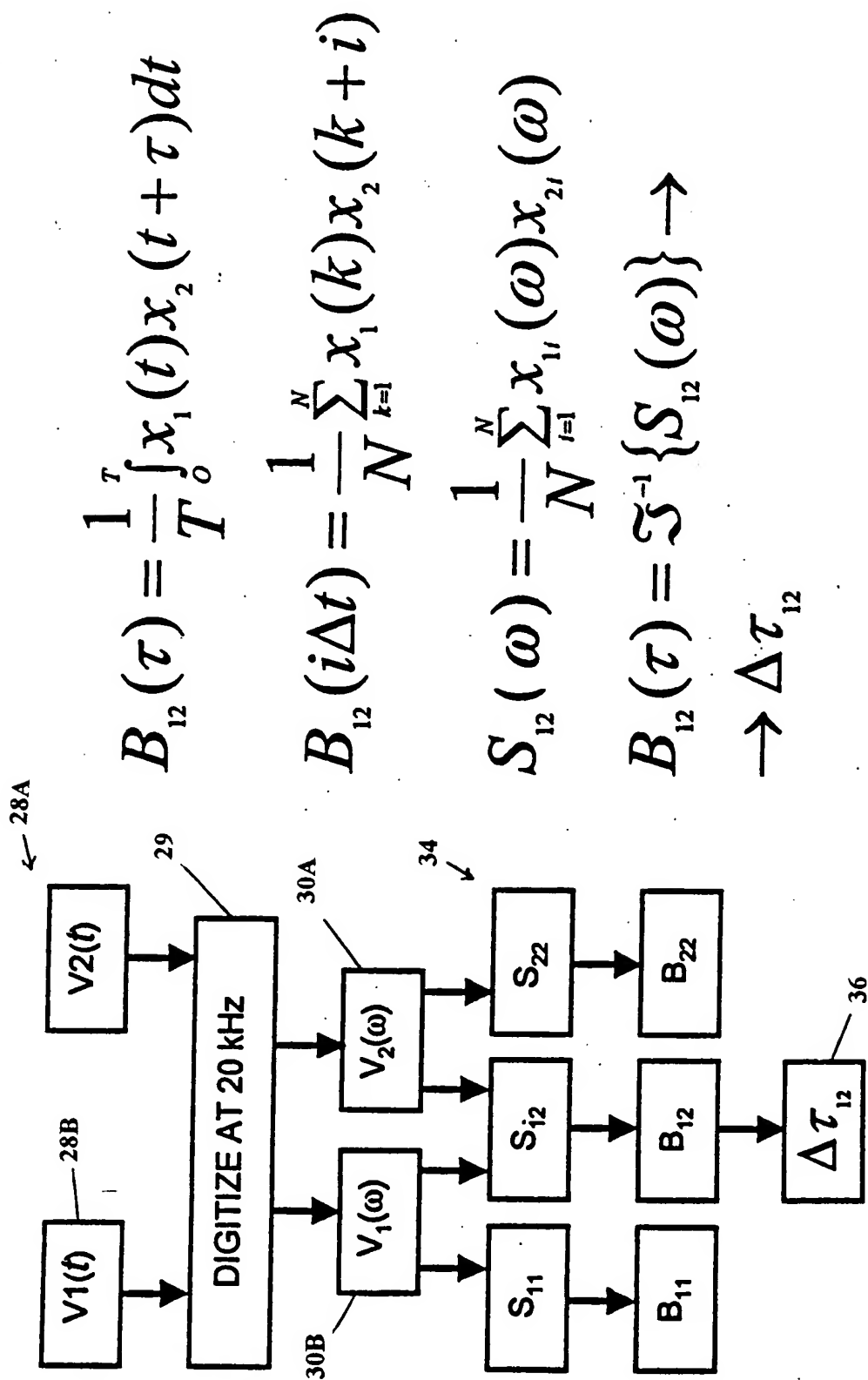


FIG. 5

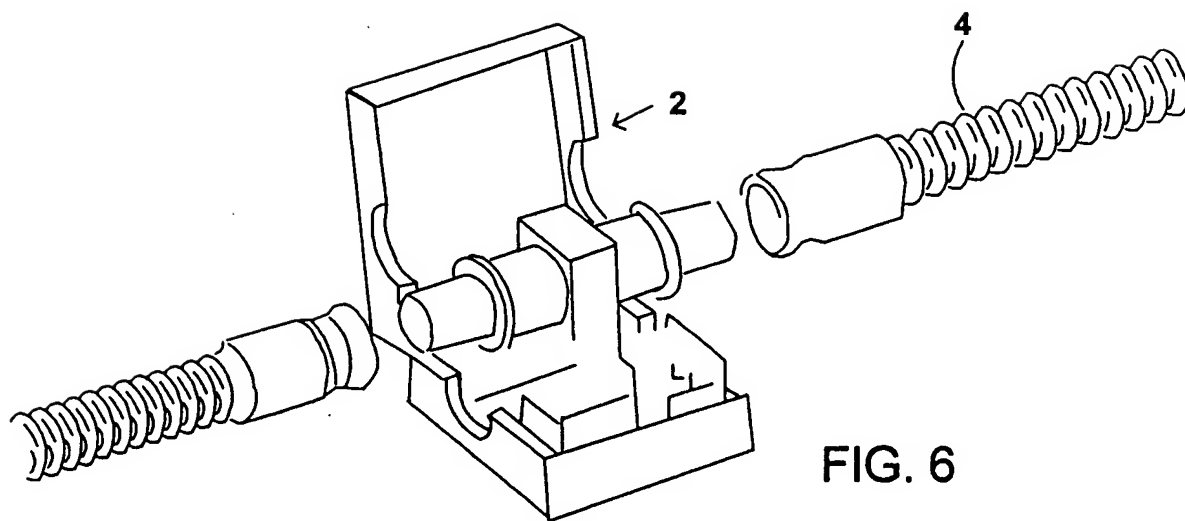


FIG. 6

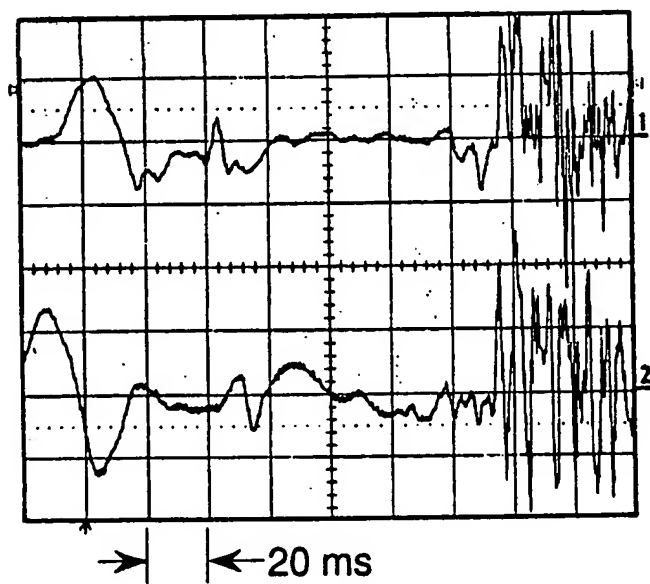


FIG. 8

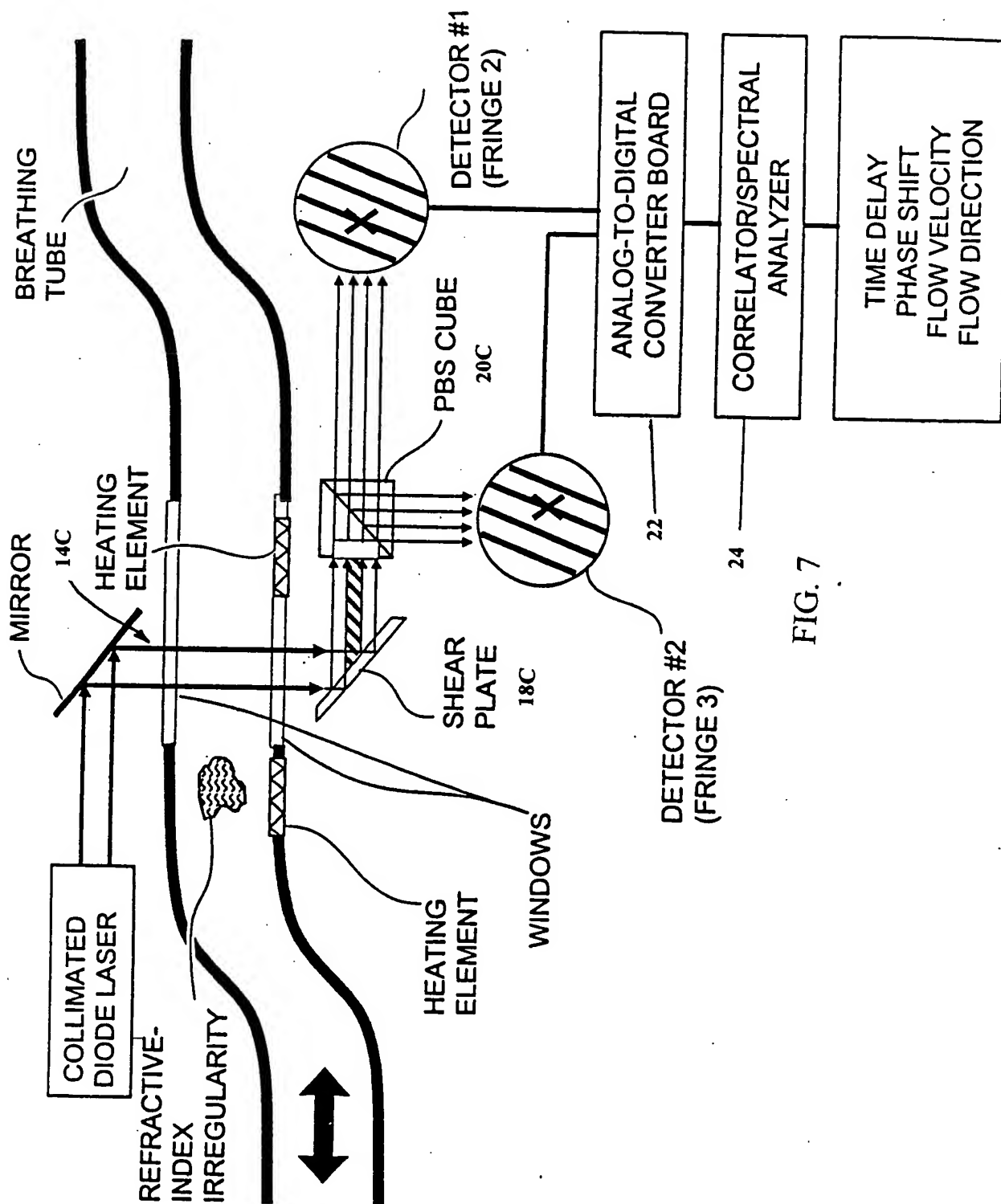
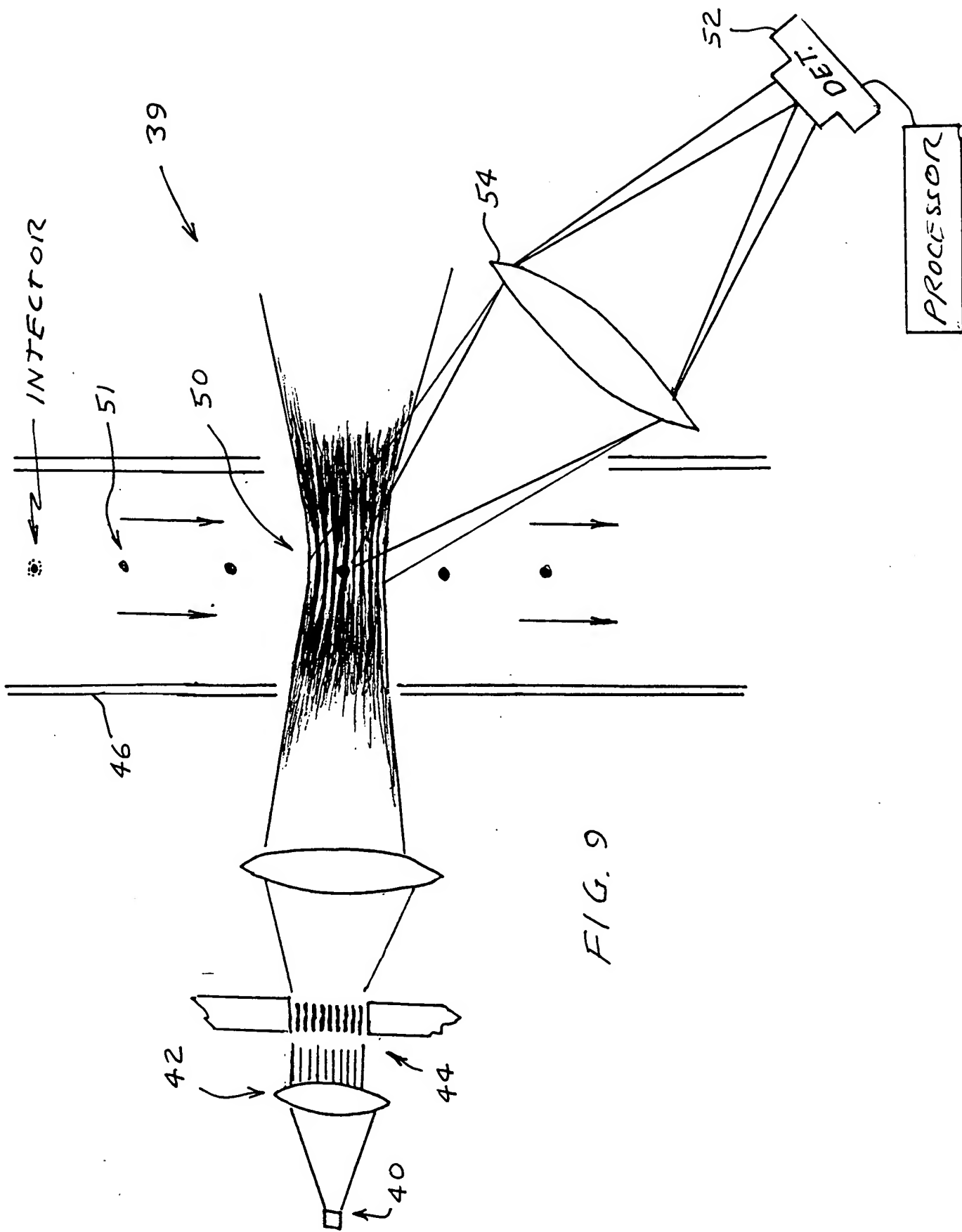


FIG. 7



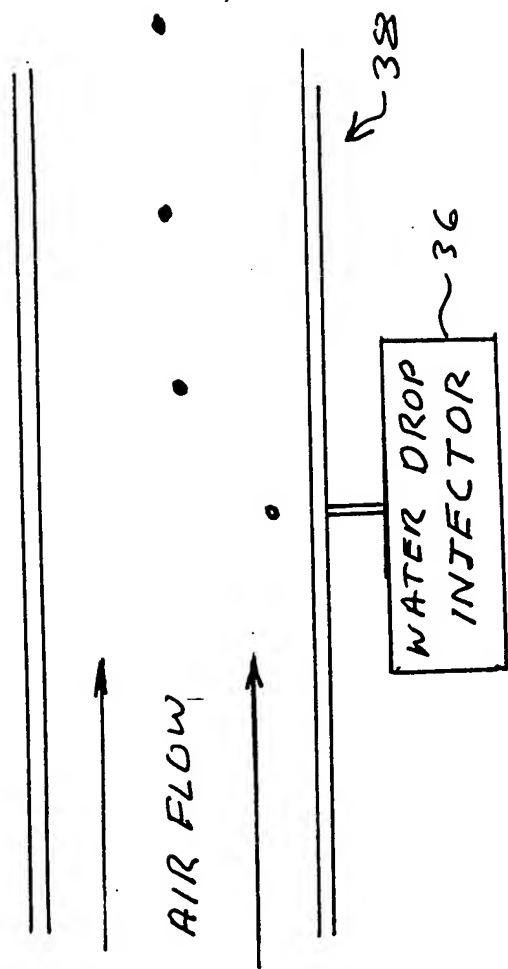


FIG. 10

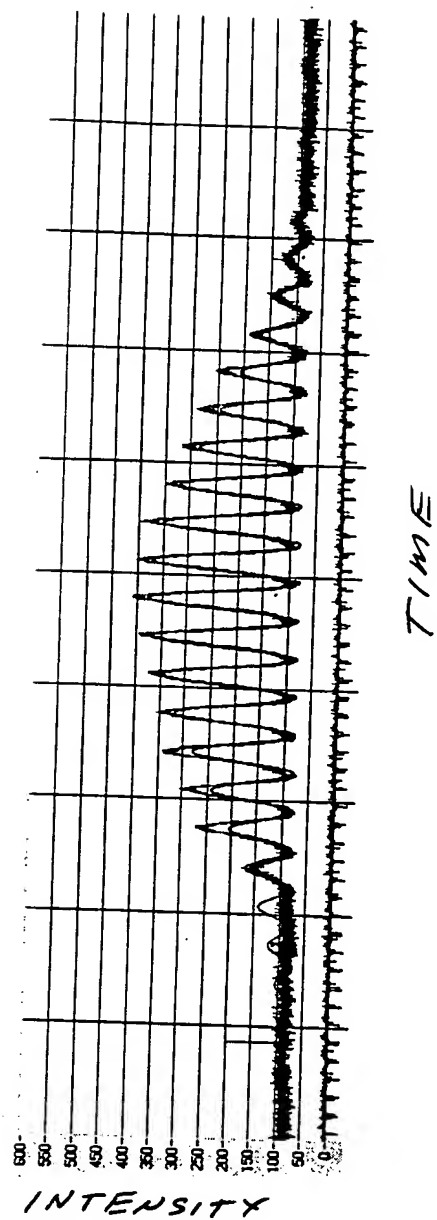


FIG. 12

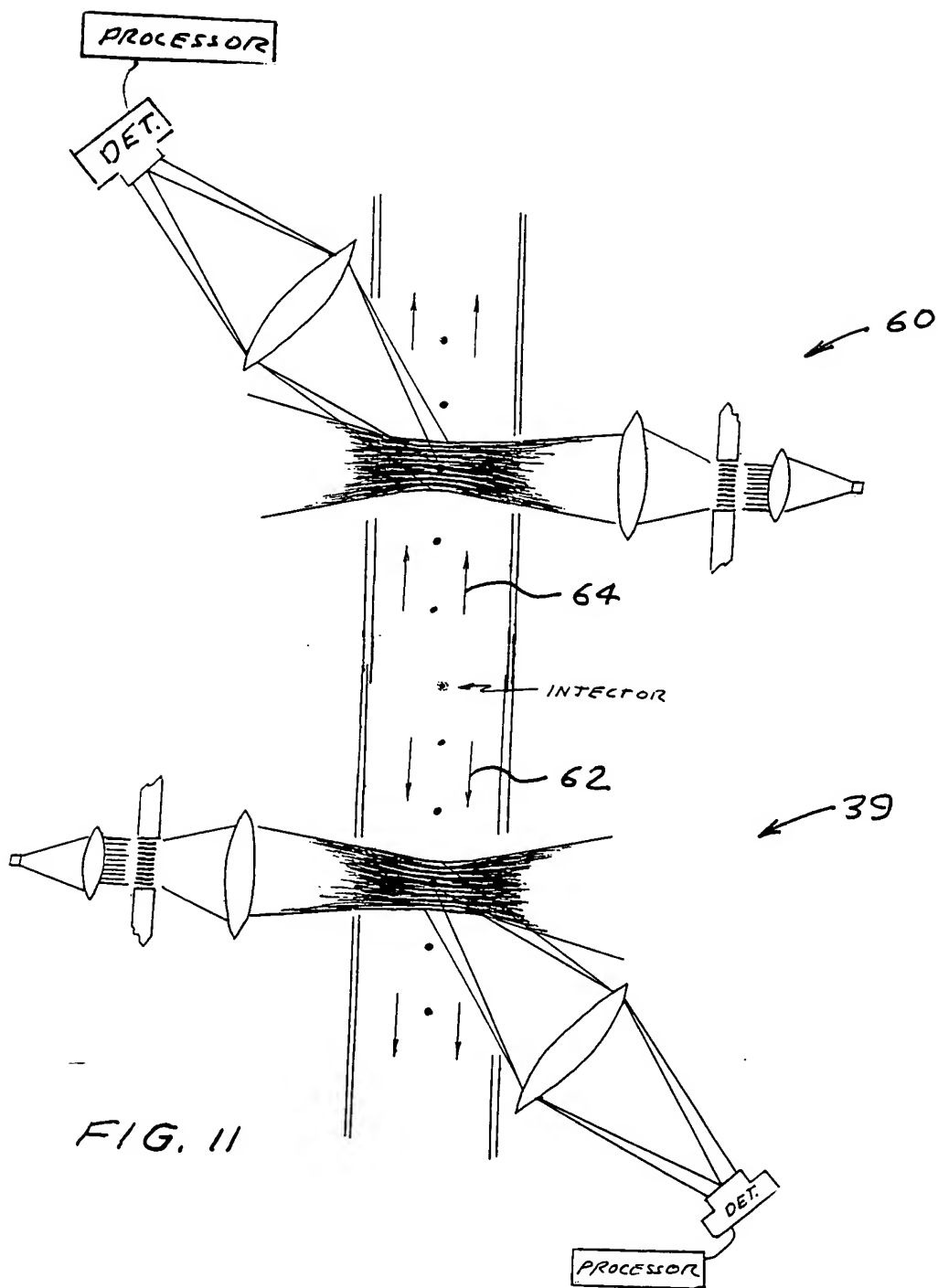


FIG. 11